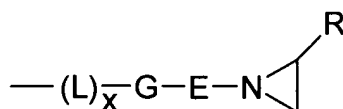


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:**Claims:**

1. (currently amended) ~~Dental~~ A dental composition comprising: ~~comprising with respect to the cured composition~~
 - (a) an N-alkyl aziridine polyether as component A,
 - (b) a compound having an SO₂-NH group, wherein the compound is selected from containing component B comprising aryl sulfonic acid amides and/or alkyl sulfonic acid amides, and
 - (c) an initiator, ~~initiator C,~~ being able to start the curing process~~optionally additives D comprising modifiers, fillers, dyes, pigments, thixotropic agents, flow improvers, polymeric thickeners, surfactants, odorous substances, diluting agent(s) and flavourings.~~
2. (new) The composition of claim 1, further comprising at least one additive selected from the group consisting of modifiers, fillers, dyes, pigments, thixotropic agents, flow improvers, polymeric thickeners, surfactants, odorous substances, diluting agents and flavouring agents.
- 2.3. (currently amended) The composition according to claim 1, wherein component [[A]](a) comprises a ~~structure~~ structural element represented by the following ~~formula~~formula:



wherein

R ~~represents~~ is a moiety selected from the group consisting of H, C₁-C₁₂ alkyl, C₂-C₁₂ alkenyl, C₂-C₁₂ alkynyl, C₇-C₁₅ alkylaryl, C₇-C₁₅ arylalkyl, and C₃-C₁₂ cycloalkyl, and wherein any of the hydrogen atoms of the moiety may be replaced by Cl or F and/or wherein

up to five carbon atoms of the moiety may be replaced by atoms or group of atoms selected from O, CO, N, and S,

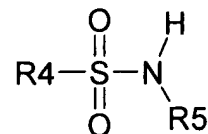
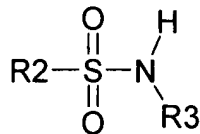
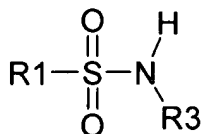
E is selected from the group consisting of~~represents~~ a C₁ – C₁₈ branched or unbranched hydrocarbon ~~chain~~chains wherein up to five carbon atoms of the chain may be replaced by an atom[[s]] or group of atoms selected from O, CO, N, and S,

G is~~represents~~ a group selected from C(O)O, C(O)NR, C(O), C(O)C(O), C(O)(CH₂)_mC(O) where~~with~~ m [[=]]is 1 to 10, C(S)NR, and CH₂,

L is~~represents~~ O, S, or NR and

~~with~~ x [[=]]is 0 or 1.

- 3-4. (currently amended) The composition according to ~~anyone of the preceding claims~~ claim 1, wherein ~~comprising~~ component [[B]](b) is present in an amount of about ~~0,01~~0.01% by weight to about ~~20,00~~20.00 % by weight.
- 4-5. (currently amended) The composition ~~according to anyone of the preceding claims~~ of claim 1, wherein component [[B]](b) ~~comprises~~ is selected from the group consisting of N-alkyl or N-aryl substituted aryl sulfonic acid amides and/or N-alkyl or N-aryl substituted alkyl sulfonic acid amides.
- 5-6. (currently amended) The composition ~~according to anyone of the preceding claims~~, of claim 1, wherein component [[B]](b) is a compound represented by at least one of the following formulas:



wherein

R1 ~~represents~~ is a moiety selected from the group consisting of C₁-C₂₂ alkyl, C₂-C₂₂ alkenyl, C₂-C₂₂ alkynyl, C₇-C₂₂ arylalkyl ~~[[or]]and~~ C₃-C₂₂ cycloalkyl, ~~and~~ wherein one or more hydrogen atoms of the moiety may be replaced by Cl or F and/or up to five carbon atoms may be replaced by atoms or group of atoms selected from O, CO, N, and S,

R2 ~~represents~~ is a moiety selected from the group consisting C₆-C₁₈ aryl, C₇-C₂₂ alkylaryl, C₂-C₂₂ cycloalkylaryl, C₇-C₂₂ alkenylaryl ~~[[or]]and~~ C₇-C₂₂ alkynylaryl, wherein one or more hydrogen atoms of the moiety may be replaced by Cl or F and/or up to five carbon atoms may be replaced by atoms or group of atoms selected from O, CO, N, and S,

R3 ~~represents~~ is H, R1 or R2. ~~R2~~,

R4 is R1 or R2, and

and R5 ~~represents~~ is the chemical linkage to a polymer.

~~6.7.~~ (currently amended) The composition ~~according to anyone of the preceding claims~~ of claim 1, wherein the molecular weight of component ~~[[B]](b)~~ is in the range of about 90 to about 2000 g mol⁻¹.

~~7.8.~~ The composition ~~according to anyone of the preceding claims~~ of claim 1, wherein component ~~[[B]](b)~~ ~~comprises~~ is selected from the group consisting of benzene sulfonic acid N-butyl amide or p-toluene sulfonic acid N-ethyl amide, o-toluene sulfonic acid N-ethyl amide, benzene sulfonic acid amide ~~[[or]]and~~ a mixture of o-/p- toluene sulfonic acid N-ethyl amide.

~~8.9.~~ The composition ~~according to anyone of the preceding claims~~ of claim 1, wherein initiator ~~[[C]](c)~~ is selected from the group consisting of protonating or alkylating agents or wherein the initiator ~~[[C]](c)~~ generates protons ~~and/or~~ reactive alkylating agents in a chemical reaction.

- 9.10. ~~The composition according to anyone of the preceding claims of claim 1~~ having a working time at 23 °C of equal or less than 3:30 min according to DIN EN ISO 4823:2000 ~~and/or an oral setting time of equal or less than 3:30 min.~~
- 10.11. ~~A kit~~ Kit of parts, comprising a base part and a catalyst part, wherein the base part comprises an N-alkyl aziridine polyether component A, the catalyst part comprises component C an initiator, and wherein ~~component B~~ a compound selected from aryl sulfonic acid amides and alkyl sulfonic acid amides is present either in the base part or the catalyst part or in the base part and the catalyst ~~part, part.~~ wherein components A, B and C have the meaning as defined in the preceding claims.
- 11.12. ~~A kit~~ Kit of parts, comprising a base part and a catalyst part, wherein the base part comprises ~~component A~~ an N-alkyl aziridine polyether, the catalyst part comprises ~~component C~~ an initiator, and wherein ~~component B~~ a compound selected from aryl sulfonic acid amides and alkyl sulfonic acid amides is ~~comprised~~ present in a further part and ~~neither comprised is not present~~ in the catalyst part ~~nor~~ in the base ~~part, part.~~ wherein components A, B and C have the meaning as defined in the preceding claims.
- 12.13. ~~Method~~ A method of producing a dental composition according to one of the claims 1 to 9 comprising the step ~~[[s]]~~ a) providing components A, B and C, b) of mixing the components:
(a) an N-alkyl aziridine polyether,
(b) a compound having an SO₂-NH group, wherein the compound is selected from aryl sulfonic acid amides and/or alkyl sulfonic acid amides, and
(c) an initiator.
- 13.14. ~~Use of a component B containing composition~~ A method for enhancing the setting speed of set of a component A and C containing of a dental composition, comprising a polyether, the method comprising the step of incorporating an aryl sulfonic acid amide or alkyl sulfonic acid amide into the composition, ~~wherein components A, B and C have the meaning as defined in the preceding claims.~~

~~14.15. Use of the composition according to anyone of claims 1 to 9 or the kit of parts according to claim 10 or 11 for modeling of objects or body parts, preferably as dental impression, bite registration or dental duplicating material.~~
The dental composition of claim 1, wherein the composition is a dental impression material.